

Claims

- 1 1. A data processor controlled user interactive display
2 interface comprising:
3 a first tree view of a hierarchy of selectable
4 elements in one region of a display interface screen,
5 a second tree view of a hierarchy of selectable
6 elements in a second region of a display interface
7 screen, and
8 means responsive to the selection of an element from
9 either said first or second tree view for displaying
10 additional data relative to said selected element in
11 another region of said screen.
- 1 2. The display interface of claim 1 wherein said first
2 and second views are respective portions of the same
3 hierarchical tree.
- 1 3. The display interface of claim 2 wherein,
2 said selected element is a parent object, and
3 said additional displayed data comprises the
4 attributes of a plurality of child objects of said
5 selected object.
- 1 4. The display interface of claim 1 further including
2 means for interactively transferring elements from one of
3 said tree views of elements to another of said tree
4 views.
- 1 5. The display interface of claim 4 wherein said means
2 for transferring said elements are drag and drop means.

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1 6. The display interface of claim 3 further including
2 means for interactively transferring objects from one of
3 said tree views of objects to another of said tree views.

1 7. The display interface of claim 6 wherein said means
2 for transferring said objects are drag and drop means.

1 8. The display interface of claim 2 wherein said
2 interface is for the interactive control of production
3 operations.

1 9. The display interface of claim 8 wherein said
2 production operations are printing operations.

1 10. A method for interactively interfacing with a data
2 processor controlled display comprising:
3 providing a first tree view of a hierarchy of
4 selectable elements in one region of a display interface
5 screen,
6 providing a second tree view of a hierarchy of
7 selectable elements in a second region of a display
8 interface screen,
9 enabling the interactive selection of an element
10 from either said first or said second tree views, and
11 displaying additional data relative to a selected
12 element in another region of said screen in response to
13 the selection of an element.

1 11. The method of claim 10 including the further step of
2 interactively selecting an element from one of said tree
3 views.

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1 12. The method of claim 11 wherein said first and second
2 views are respective portions of the same hierarchical
3 tree.

1 13. The method of claim 12 wherein,
2 said selected element is a parent object, and
3 said additional displayed data comprises the
4 attributes of a plurality of child objects of said
5 selected object.

1 14. The method of claim 10 further including the step
2 of,
3 interactively transferring elements from one of said
4 tree views of elements to another of said tree views.

1 15. The method of claim 14 wherein said transferring of
2 said elements is by drag and drop steps.

1 16. The method of claim 13 further including the step
2 of,
3 interactively transferring objects from one of said
4 tree views of objects to another of said tree views.

1 17. The method of claim 16 wherein said transferring of
2 said objects is by drag and drop steps.

1 18. The method of claim 17 wherein said method is for
2 the interactive control of production operations.

1 19. The method of claim 18 wherein said production
2 operations are printing operations.

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1 20. A computer controlled display program having program
2 code included on a computer readable medium for a user
3 interactive interface to a computer controlled display
4 comprising:

5 a first tree view of a hierarchy of selectable
6 elements in one region of a display interface screen,

7 a second tree view of a hierarchy of selectable
8 elements in a second region of a display interface
9 screen, and

10 means responsive to the selection of an element from
11 either said first or second tree view for displaying
12 additional data relative to said selected element in
13 another region of said screen.

1 21. The computer controlled display program of claim 20
2 wherein said first and second views are respective
3 portions of the same hierarchical tree.

1 22. The computer controlled display program of claim 21
2 wherein,
3 said selected element is a parent object, and
4 said additional displayed data comprises the
5 attributes of a plurality of child objects of said
6 selected object.

1 23. The computer controlled display program of claim 20
2 further including means for interactively transferring
3 elements from one of said tree views of elements to
4 another of said tree views.

1 24. The computer controlled display program of claim 23
2 wherein said means for transferring said elements are
3 drag and drop means.

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1 29. A data processor controlled user interactive display
2 interface for controlling printers in a printer shop
3 operation comprising:
4 a first tree view of a hierarchy of selectable
5 elements in one region of a display interface screen,
6 a second tree view of a hierarchy of selectable
7 elements in a second region of a display interface
8 screen, and
9 means responsive to the selection of an element from
10 either said first or second tree view for displaying
11 additional data relative to said selected element in
12 another region of said screen.